

SCCS



FOR MORE INFORMATION

Visit our website at:

www.lanl.gov/orgs/t/sccts

INTERNATIONAL CONFERENCE ON STRONGLY COUPLED COULOMB SYSTEMS

SEPTEMBER 2 - 6, 2002 • ELDORADO HOTEL • SANTA FE, NEW MEXICO

The International Conference on Strongly Coupled Coulomb Systems (SCCS) will be held in Santa Fe from September 2 through September 6, 2002. The conference location and hotel will be the Eldorado Hotel (<http://eldoradohotel.com>) in downtown Santa Fe. Strongly Coupled Coulomb Systems represent a wide range of physical states that are all many-body systems characterized by strong long-ranged interactions.

SPONSORS

Theoretical Division, LANL
Applied Physics Division, LANL
Physics Division, LANL
Pulsed Power Sciences, SNL
Material, Science, and Technology (MST), LANL

LOCAL ORGANIZING COMMITTEE

John F. Benage, LANL (co-chair)
Michael Desjarlais, SNL
Gabor Kalman, Boston College
Joel Kress, LANL
Michael S. Murillo, LANL (co-chair)
Gerardo Ortiz, LANL
Jon Weisheit, LANL

TOPICS

dense plasmas
ionic liquids
dusty (complex) plasmas
charged colloids
electrolytes
cryogenic plasmas
planetary and stellar interiors
white dwarfs
plasma spectroscopy
electron gas (liquid) in metals
liquid metals
metal vapors
two dimensional electron gas (liquid)
low dimensional nanostructures
electron-hole plasmas
hydrogen and helium
plasma phase transitions
ionization processes; bound states
many-body techniques
response functions
statistical physics; kinetic theory
mathematical models
simulations

INTERNATIONAL ADVISORY BOARD

Angel Alastuey, Ecole Normale Sup. de Lyon
David Andelman, Tel Aviv University
Neil W. Ashcroft, Cornell University
John Bollinger, NIST
Jean-Michel Caillol, Université Paris XI
David M. Ceperley, University of Illinois
Dr. Gilles Chabrier, Ecole Normale Sup. de Lyon
Jean Clerouin, CEA Bruyeres-le-Châtel
Sankar das Sarma, University of Maryland
Alan DeSilva, University of Maryland
Hugh DeWitt, Lawrence Livermore Nat'l Lab
Dan Dubin, University of Cal., San Diego
James Dufty, University of Florida
Werner Ebeling, Humboldt University
Vladimir Filinov, Inst. of High Temp. Physics
Michael Fisher, University of Maryland
Vladimir E. Fortov, Inst. of High Temp. Physics
Kenneth Golden, University of Vermont
Jean-Pierre Hansen, chair, Cambridge University
Friedrich Hensel Philipps, Universitaet, Marburg
Gabor Kalman, Boston College
Walter Kohn, University of Cal., Santa Barbara
Hartmut Lowen, University of Dusseldorf
Gregor Morfill, Max Planck Institute
David Neilson, University of New South Wales
Gren Patey, University of British Columbia
Francois Peeters, University of Antwerp
David Pines, Los Alamos Nat'l Lab
Gerd Ropke, University of Rostock
Marlene Rosenberg, University of Cal., San Diego
Yasha Rosenfeld, Nuclear Research Center-Negev
Manfred Schlanges, University of Greifswald
Gaetano Senatore, University of Trieste
Hiroo Totsuji, Okayama University
Jon Weisheit, Los Alamos Nat'l Lab

